

Danieli, R, 46
 Dansereau, R N, 376
 Dasika, N, 542
 Dastur, K, 679
 Dauthieux, P, 254
 Davis, R T, 673
 Dear, G, 390
 Degirmenci, S, 864
 de Klerk, J MH, 176
 De León, O A, 363
 DeLong, S R, 724
 Del Vecchio, E, 268
 Deniz, O, 864
 De Odorico, I, 730
 De Palma, D, 625
 Derebek, E, 505
 Derveaux, M, 172
 Deutsch, G, 596
 Dhekne, R, 712
 Dibos, P E, 388
 Dierckx, RA, 101, 567
 Dierckx, L, 847
 DiFabrizio, L, 310
 Dinges, H-P, 30
 Di Paola, M, 151
 Di Paola, R, 151
 Dittrich, J R, 93
 Dobbeleir, A, 172
 Doğan, A S, 505
 Dominguez, P, 57
 Drubach, L A, 797
 Dubovsky, E V, 393
 Duffy, G, 856
 Dunkley, S M, 125
 Dunn, E K, 235
 Durak, H, 505
 Dwamena, B A, 542

E

Edelstein, R A, 523
 Eggli, D F, 709
 Eissner, D, 123, 182
 El-Desouki, M I, 13
 Ellmer, T, 133
 Endo, K, 339, 431
 Erbas, B, 355, 393
 Erbay, N, 241, 519, 570, 646
 Erdem, S, 76
 Erkiliç, M, 264
 Erkmén, Z, 48
 Esato, K, 141, 683
 Esselstyn, C B, Jr., 217
 Esterl, R M, Jr., 338
 Estrada, W N, 104
 Everaert, H, 403, 847

F

Falk, G, 855
 Fanti, S, 802
 Federman, A, 798
 Feiglin, D H, 804
 Fellingner, J, 591
 Ferency, S L, 560
 Fernandes, V B, 711
 Finestone, H, 470
 Finn, N, 417

Fiore, F, 243
 Fisher, D J, 560
 Flamen, P, 403, 847
 Fogelman, I, 821
 Ford, P, 712
 Fordham, E, 490
 Foss, F M, 147
 Francesco, G, 657
 Franken, P R, 403, 847
 Frater, C, 498, 860
 Freeman, L M, 327, 723, 798
 Fretzayas, A M, 635
 Frey, K A, 542
 Freyaldenhoven, S, 338
 Friedman, H S, 390
 Friedman, S, 653
 Frossard, M, 97
 Fuchs, H, 390
 Fujioka, M, 404
 Fujita, M, 130
 Fukuda, T, 187, 339, 488, 628
 Fukuma, H, 38
 Fukumitsu, N, 605
 Fukumoto, M, 415
 Fukushima, Y, 431
 Fukuzawa, J, 61
 Furuyama, M, 227

G

Gainey, M, 323
 Galle, P, 258
 Gallowitsch, H-J, 30, 591
 Galt, J R, 853
 Gandhi, S M, 723
 Garancini, S, 625
 Gargan, P E, 376
 Garty, I, 342
 Gaviria, M, 363
 Gayed, I, 712
 Gebhardt, M C, 532
 Gelfand, M J, 321
 Gelfman, N, 409
 Gibson, T, 821
 Gilbert, L A, 58, 231
 Gill, I J, 185
 Gilles, L, 121
 Ginsberg, B, 390
 Ginsberg, I, 798
 Giovanniello, J, 653
 Gips, S, 636
 Go, R T, 217
 Goldfarb, C R, 470
 Golonia, F, 625
 Gomez, I, 30
 Gómez-Barquín, R, 401
 Goo, E, 180
 Görres, G, 706
 Gössinger, H, 97
 Goyal, M, 503
 Gravina, A, 243
 Green, A, 557
 Groshar, D, 179, 636
 Guddeti, S, 800
 Guerra, U P, 407
 Guha, S, 491
 Gullotta, F, 866

Güngör, F, 264
 Gupta, S M, 409
 Gyetvai, E J, 419

H

Haase, C G, 119
 Hahm, K B, 536
 Half, G A, 338
 Halkar, R, 121
 Halkar, R K, 853
 Hallett, J L, 320
 Ham, H R, 255, 563
 Hambye, A-S, 172
 Hammami, M M, 308, 438
 Han, C D, 6
 Haneda, T, 61
 Hanelin, L G, 501, 503
 Harvey, S, 323
 Hasegawa, H, 488
 Hashikawa, K, 130
 Hashmi, R, 166
 Havas, J, 470
 Hayabara, T, 697
 Hayashi, A K, 388
 Hayashi, K, 166
 Hayes, A A, 669
 Heidendal, G A K, 811
 Helin, I, 292
 Hermann, G, 410
 Herranz, R, 273
 Heyman, S, 303, 726
 Hindie, E, 258
 Hiraki, Y, 369
 Hirano, T, 187, 339, 431, 573, 628, 640, 647, 795, 850
 Hochstenbag, M M H, 811
 Hoegerle, S, 467
 Hoffman, E J, 709
 Hojo, M, 328
 Holder, L, 161
 Holder, L E, 287
 Hori, A, 752
 Ho-Tom, 274
 Houben, L, 632
 Houston, A S, 1
 Howman-Giles, R, 835
 Hoy, G, 481
 Hsu, C-T, 274
 Huang, M-J, 485
 Hunn, J, 679

I

Ichikawa, K, 647
 Ide, M, 341, 793
 Ikehira, H, 494
 Ikejiri, K, 227
 Inampudi, C, 596
 Ince, M, 76
 Inoue, T, 431
 Inoue, Y, 60
 Irie, K, 553
 Ishida, S, 337
 Isitman, A T, 21
 Isobe, K, 494

J

Jaffe, T, 523
 Javanović, D, 188
 Jeanguillaume, C, 258
 Jekunen, A P, 771
 Jenkins, T J, 42
 Jessurun, G AJ, 442
 Jie, H, 536
 Joaquim, A I, 638
 Jobe, T H, 363
 Johnson, A W, 300
 Joja, I, 369
 Jolles, P R, 93
 Jones, B, 817
 Jones, T A, 872
 Joseph, D, 355
 Josephs, L G, 523

K

Kageyama, M, 194
 Kairemo, K J A, 771
 Kalf, V, 481
 Kallee, E, 451
 Kamisaki, Y, 194
 Kan, A, 835
 Kanazawa, S, 369
 Kane, D, 856
 Kanski, J W, 393
 Kanuma, M, 795
 Kanzaki, N, 697
 Kao, C-H, 558, 564, 650
 Kao, P-F, 485
 Karabag, B, 832
 Karayalçin, B, 264
 Karimeddini, M K, 128, 271
 Karkavitsas, N, 749
 Karsli, F, 76
 Kashyap, R, 385, 759
 Katz, N, 58, 231
 Kawaguchi, O, 875
 Kawakami, K, 605
 Kawamura, T, 683
 Kawasaki, Y, 704
 Kawashima, M, 187, 628
 Keenan, J F, 376
 Kempf, JS, 310
 Kennedy, P J, 719
 Kenney, A J, III, 501, 503
 Ketai, L, 817
 Khanna, C, 270
 Khetarpal, R, 593
 Ki, W-W, 546
 Kido, Y, 488
 Kikuchi, K, 61
 Kikut, J, 327
 Kim, B-S, 691
 Kim, C K, 104, 610
 Kim, E Y, 217
 Kim, H, 798
 Kim, H C, 762
 Kim, H S, 6, 762
 Kim, J H, 536
 Kim, P, 343
 Kim, R, 557
 Kim, Y-H, 6
 Kim, Y J, 546

Kim, Y S, 536
 Kingsnorth, A, 652
 Kinuya, S, 196, 331, 397, 404, 434, 785
 Kipper, M S, 73, 253
 Kirkwood, I D, 491
 Kirsch, E, 782
 Kitapci, M T, 21
 Kizilkaya, E, 76
 Kobayashi, I, 187, 628
 Kodaka, R, 130
 Kokuryu, H, 778
 Komibuchi, T, 328, 778
 Kouichi, N, 141
 Koukoutsakis, P M, 635
 Koutoubi, Z, 231
 Krasnow, A Z, 21
 Krausz, Y, 35
 Kresnik, E, 30, 591
 Krohn, L D, 73, 253
 Kubo, A, 875
 Kula, M, 306
 Kumar, R, 593
 Kume, N, 141, 825
 Kunitomo, K, 647
 Kuntz, D, 49
 Kurachi, M, 194
 Kuriyama, M, 550
 Kurohara, A, 415
 Kuroki, T, 550
 Kuwert, T, 119, 866
 Kuyama, J, 494

L

LaBarbera, J J, 73
 LaBombardi, V, 310
 Lago, G, 413
 Laloux, P, 399
 LaMonica, G, 490, 557
 Lampreave, J L, 57
 Lancha, C, 17
 Langer, B G, 800
 Laredo, J-D, 49
 La Rosa, S, 625
 Lee, B-F, 789
 Lee, H K, 546
 Lee, J, 610
 Lee, J D, 6
 Lee, J-K, 564, 650
 Lee, K, 610
 Lee, K J, 536
 Leitha, T, 97
 Leonard, J C, 394
 Lesley, T, 615
 Leveno, D M, 185
 Levy, M, 35
 Lewis, D H, 238
 Lin, E, 726
 Lin, Q, 363
 Lin, W-Y, 326, 558
 Lind, P, 30, 591
 Line, B R, 376
 Lipman, C, 121
 Litt, R, 323
 Liu, H-G, 596
 Liu, R-S, 54

Liu, Y, 21
 Lock, M T WT, 176
 Longee, D, 390
 Lorberboym, M, 104, 410, 756
 Lugo-Olivieri, C H, 859
 Luigi, M, 657
 Lukasiewicz, R L, 376
 Lumbroso, J, 151
 Lyons, K P, 359, 565, 700, 873

M

Mabille, L, 49
 MacLeod, M A, 1
 Madariaga, M P, 57
 Mainolfi, C, 243
 Majd, M, 315
 Makino, M, 605
 Malhotra, R, 593
 Malycha, P, 491
 Mandal, A K, 231
 Mandarić, D, 188
 Mansberg, R, 711
 Mansberg, V J, 463, 555, 776
 Mansi, L, 268
 Marcou, L M, 73
 Marcus, C S, 198
 Mâre, K, 80
 Maredia, R, 717
 Margules, R, 409
 Marino, G, 268
 Martin, C A, 335
 Martín-Curto, L M, 17
 Martoni, A, 802
 Masaki, K, 550
 Maslack, M M, 861
 Masunaga, T, 397, 785
 Masur, H, 119
 Matheja, P, 119
 Matsuda, H, 337
 Matsunaga, N, 141, 526, 561, 683, 825
 Matsuno, N, 494
 Matthews, A G, 235
 Maurea, S, 243
 Mazurek, R, 745
 McCloskey, J P, 560
 McCormick, M I, 427
 McDonald, K, 679
 McFarland, E G, 287
 Meeder, J G, 442
 Mehta, H H, 634, 721
 Meignan-Debray, S, 258
 Melliore, D, 258
 Meurisse, H, 399
 Meyerrose, G E, 422
 Michel, O, 255
 Michigishi, T, 331, 397, 404, 434, 785
 Mikosch, P, 30, 591
 Miller, J H, 863
 Milne, N, 359, 565, 700, 873
 Mina, B, 310
 Mishkin, F S, 222
 Mitani, Y, 109
 Mitjavilla, M, 17
 Mitsumori, A, 369

Mittal, P, 653
 Mittal, R, 593
 Miura, G, 526
 Mogi, Y, 187, 628, 795
 Mohammed, S J S, 502
 Momen, A, 403
 Mondal, A, 385, 759
 Monetti, N, 802
 Montero, A, 401
 Montravers, F, 151
 Moody, E B, 420
 Moore, W, 712
 Moreno, A J, 717
 Moretti, J-L, 254
 Morgan, L, 719
 Mori, Y, 605
 Morijiri, M, 194
 Moser, A S, 333
 Moser, E, 467
 Mountz, J M, 596
 Movassaghi, N, 315
 Mrhac, L, 502
 Mudun, A, 475
 Müh, U, 451
 Müller-Brand, J, 782
 Mundler, O, 49
 Muramatsu, Y, 38
 Muranaka, T, 227
 Murata, Y, 372
 Murray, I P C, 463, 555, 776
 Murray, P, 860
 Mut, F, 413

N

Naddaf, S, 310, 335, 343
 Naddaf, S Y, 572
 Nagai, T, 130
 Nakabeppu, Y, 687
 Nakajo, M, 687
 Nakamura, K, 875
 Nakanishi, K, 61
 Nardi, P, 575
 Nariko, H, 647
 Narita, H, 605
 Nasu, K, 494
 Neumann, D R, 217
 Newell, D W, 238
 Nguyen, B D, 132, 256, 781, 859, 870
 Nicholls, W, 835
 Nishigauchi, K, 141, 526, 561, 683, 825
 Nishikawa, J, 60
 Nishimura, T, 130
 Nishiyama, Y, 704
 Nietzsche, E U, 467
 Noens, L, 101
 Nuñez, M, 413

O

Oates, E, 768
 Obuchowski, N A, 217
 Ochi, H, 550
 Ogawa, T, 187, 628
 Ogawa, Y, 166
 Ohkawa, M, 704

Ohta, H, 328, 553, 778
 Ohta, M, 494
 Ohtake, E, 488
 Ohtomo, K, 38
 Okada, M, 61
 Okamoto, S, 328
 Okazaki, H, 561
 Okuno, A, 791
 Omann, J, 30
 Omar, WS, 310, 343, 572
 Omori, Y, 647
 Ohseng, F, 470
 Onuma, T, 337
 Ören, D, 832
 Oriuchi, N, 339
 Orsolon, P, 407
 Osmanagaoglu, K, 567
 Ota, T, 778
 Otake, H, 339, 573, 640, 795, 850
 Otake, T, 60
 Otte, A, 467
 Özcan, O, 832
 Özdemir, T, 264

P

Paavonen, T, 771
 Pai, M, 691
 Paksoy, N, 264
 Paladin, A M, 425
 Palestro, C J, 459, 634, 721
 Pandit, N, 104
 Panetta, A, 802
 Panico, M R, 243
 Pannullo, A M, 271
 Paolo, G U, 841
 Papazian, O, 323
 Park, C H, 536, 691, 762
 Park, H-B, 691
 Park, Y S, 231
 Parmentier, C, 151
 Pasztarak, E, 508
 Patel, M, 459
 Patel, P M, 490
 Patel, Y P, 42
 Patrizi, J D, Jr., 724
 Pavlović, S, 188
 Peters, M, 719
 Petronelli, A, 802
 Petry, N, 479
 Pettigrew, R, 121
 Phillpott, J, 158
 Pickhardt, P J, 484
 Piergiuseppe, O, 657, 841
 Pomeranz, S J, 115
 Pons, F, 273
 Popli, M, 385
 Powe, J, 308
 Powe, J E, 438
 Powsner, R A, 147, 523
 Prakash, R, 324
 Prats, E, 17
 Probst-Cousin, S, 866
 Pui, M H, 695

Q

Qasim, S, 711

Quirce, R, 401

R

Raber, S A, 190
 Rambaldi, P F, 268
 Ramos, C D, 638
 Ramsingh, P S, 115
 Ravishankar, L, 270
 Ravishanker, L, 759
 Rawat, H, 272
 Raynor, R, 335
 Rees, J, 621
 Reese, W G, 868
 Regan, F, 256
 Rehm, P K, 133
 Reich, H, 303
 Religioso, D G, 104
 Reuter, E, 714
 Reyckler, R, 847
 Ricard, M, 151
 Rice, T W, 217
 Ring, D H, 765
 Rivera-Rodríguez, J E, 440
 Roach, P J, 125
 Roberson, G H, 422
 Roitberg, D, 861
 Roland, J, 632
 Romeo, A, 802
 Rosenbaum, D M, 560
 Rosenberg, R J, 646
 Rosner, I, 179
 Rossleigh, M, 860
 Rossleigh, M A, 463, 498, 555, 776
 Royal, H D, 775
 Royal, S A, 355
 Rozenbaum, M, 179
 Ruchman, R B, 636
 Rudberg, U, 80
 Rufini, V, 380
 Russell, C D, 393
 Ryan, P J, 821
 Ryu, J-S, 546

S

Saadeh, P, 335
 Saba, P R, 679
 Sacher, M, 756
 Sagarra, A JF, 638
 Sagarra, R A M, 638
 Sager, G L, 287
 Sahu, M, 270, 272
 Saito, H, 569
 Sakaguchi, H, 550
 Sakaguchi, K, 369
 Sakai, K, 227
 Saku, M, 227
 Sakuraba, N, 791
 Sakurai, Y, 569
 Saleemi, K, 723
 Salehi, N, 266
 Saletnich, I, 380
 Salmanzadeh, A, 115
 Salvatore, M, 243
 Salvatori, M, 380
 Samiou, M, 749
 Sandomenico, F, 268

- Sanmarti, R, 273
 San Pedro, E C, 596
 Sansi, P K, 800
 Sasaki, Y, 60
 Satake, S, 875
 Sato, K, 697
 Sato, Y, 141
 Satoh, K, 704
 Sawroop, K, 759
 Schäfers, M, 866
 Schallen, E, 730
 Schauwecker, D S, 287
 Scheidt, K, 642
 Scheraga, J L, 804
 Schillaci, O, 46
 Schlicht, S M, 266
 Schlumberger, M, 151
 Schmidt, E, 768
 Schober, O, 119, 866
 Scholl, R J, 519
 Schraml, F V, 190
 Schuster, D M, 642
 Schwarzkopf, G, 467
 Scopinaro, F, 46
 Sekine, H, 605
 Semler, P, 714
 Sen, I B, 759
 Serchuk, L S, 459
 Sergieva, S B, 25
 Serpa, M A, 128
 Sethi, R, 653
 Seto, H, 194
 Setoain, F J, 273
 Seymour, R, 621
 Shah, R, 575
 Shalaby-Rana, E, 315
 Shapiro, B, 479, 730, 867
 Sharma, A K, 621
 Sharma, R, 385, 759
 Sheafor, D H, 287
 Shelton, D K, 120
 Shen, Y-Y, 564, 650
 Sherigar, R, 385
 Shibasaki, T, 850
 Shibuya, H, 372
 Shigemasa, C, 109
 Shih, C, 54
 Shih, W-J, 427
 Shimizu, A, 526
 Shimizu, K, 141, 561, 683, 825
 Shimizu, M, 194
 Shimizu, T, 778
 Shin, H Y, 762
 Shin, J W, 546
 Shinozaki, T, 573
 Shintaku, M, 328, 553, 778
 Shiomi, S, 550
 Shirazi, P, 733
 Shohtsu, A, 341, 793
 Shuke, N, 791
 Siegel, A, 333, 645, 745
 Sigismund, R, 714
 Sik, E, 508
 Silberstein, C, 161
 Silov, G, 306
 Silverman, E D, 190, 765
 Simon, G H, 467
 Simons, M, 101
 Sinaniotis, C A, 635
 Sisayan, R, 410
 Sisterhen, C, 853
 Sklar, D H, 198
 Šobić-Šaranović, D, 188
 Sohn, S K, 610
 Solanki, H P, 180
 Soni, N L, 270
 Soudry, G, 388
 Spencer, R P, 48, 128, 241, 271, 519, 570, 646
 Spottswood, S E, 93
 Stadalnik, R C, 419
 Stavrinadis, C S, 635
 Stemerman, D H, 787
 Stevens, M, 835
 Storey, G R, 643, 719, 855
 Strashun, A M, 235
 Stryker, J, 645
 Stuckey, S L, 481
 Stumpf, A, 467
 Suga, K, 141, 526, 561, 683, 825
 Sugi, K, 683
 Suh, J-S, 6
 Sullivan, L M, 868
 Sumiya, H, 752
 Sutter, C W, 120
 Suzuki, A, 647
 Suzuki, Y, 341
 Sychra, J J, 363
- T**
- Tajima, T, 341
 Takagi, S, 341, 793
 Takahshi, S, 196
 Takami, H, 875
 Takamura, A, 569
 Takanaka, T, 196
 Takano, K, 526
 Takashima, H, 704
 Takashio, T, 791
 Takayama, T, 434
 Takeda, R, 331, 397, 785
 Takeda, T, 550
 Takeda, Y, 369
 Takemoto, Y, 166
 Takeo, S, 227
 Taki, J, 404, 434, 752
 Talmassons, G, 407
 Tamaki, N, 569
 Tamgac, F, 254
 Tamura, M, 850
 Tan, T X-L, 321
 Tanabe, M, 704
 Tanaka, H, 61
 Tanaka, T, 550
 Tang, H-S, 274
 Tang, K-P, 274
 Tangoku, A, 141
 Tani, A, 687
 Taniguchi, S, 109
 Tatezawa, T, 187, 628, 795
 Tavoraro, R, 46
 ten Velde, G P M, 811
 Terada, T, 337
- T**
- Terauchi, T, 38
 Terui, S, 38
 Teshima, S, 109
 Thirumala, S, 721
 Thomas, F D, 804
 Thompson, D, 287
 Tio, R A, 442
 Tomas, M B, 459
 Tomita, K, 752
 Tomiyoshi, K, 431
 Tomono, N, 778
 Tonami, N, 196, 331, 397, 404, 434, 752, 785
 Tondeur, M, 255, 563
 Toney, M O, 183
 Tonoya, Y, 194
 Toufuku, Y, 196
 Touya, E, 413
 Trepashko, D W, 800
 Treves, S T, 250, 263, 532, 673, 708, 797
 Troncone, L, 380
 Tsai, M-F, 485
 Tsai, S-C, 558
 Tsuchimochi, S, 687
 Tsuchiya, H, 752
 Tsuji, S, 434
 Tsukamoto, E, 569
 Tublin, M E, 376
 Tubota, S, 196
 Tulchinsky, M, 709
 Tunçdemir, F, 264
 Turner, J H, 394
 Turoglu, T, 310, 335, 343
 Turpin, S, 497
 Tutus, A, 306
 Tyler, A, 615
 Tzanakis, N, 749
 Tzen, K-Y, 485
- U**
- Uccella, S, 625
 Uchida, Y, 494
 Uchiyama, M, 605
 Uehara, T, 130
 Ueta, Y, 109
 Ukikusa, M, 553
 Umehara, I, 372
 Ünü, M, 655
 Uno, K, 494
 Uslu, H, 864
 Usui, K, 791
- V**
- van den Heuvel, P, 172
 Van Der Wall, H, 643, 719, 855
 Vandevivere, J, 172, 632
 van De Wiele, C, 101, 567
 Van Drunen, M, 733
 VanHoose, J D, 420
 van Rijk, P P, 176
 Varoğlu, E, 864
 Velez, E, 323
 Vidal-Sicart, S, 273
 Virtcheva-Genkova, A, 25

Vitti, R A, 861
Vural, G, 655

W

Wadhwa, S S, 711
Wahl, R, 451
Wallin, L, 292
Wang, H, 243
Wang, S-J, 326, 558, 564, 650
Ward, D L, 717
Wassmann, H, 866
Watanabe, H, 573
Watanabe, N, 194, 339, 431
Weiden, P L, 615
Weiss, K, 97
Wheeler, M H, 621
Wiest, P, 817
Williams, C, 856
Williams, L M, 376
Williams, S, 183
Willsey, J T, 58
Wilson, D, 427
Winn, H R, 238
Woesler, B, 866

Wolf, N, 817
Won, K S, 546
Wong, J CH, 63
Wood, M, 872
Wouters, E F M, 811
Wu, Y, 194

X

Xilouris, A, 749

Y

Yamada, I, 372
Yamamoto, S, 553
Yamamoto, W, 791
Yamamoto, Y, 647, 704
Yang, C-C, 789
Yang, D C, 653
Yang, S-O, 546
Yasuda, S, 341, 793
Yeh, S-H, 54
Yenidünya, S, 655
Yilmaz, M, 505, 864
Yim, H, 536

Yokayama, R, 38
Yokogawa, A, 196
Yokoyama, K, 331
Yoneshiro, S, 526
Yoshida, A, 109
Yoshida, K, 227
Yoshida, S, 415
Yoshimura, N, 415
You, D-L, 485
Young, I, 572
Young, T-H, 274
Yu, C-Y, 274
Yu, H-S, 789
Yueh, T-C, 695
Yukihiro, M, 431

Z

Zakko, S, 502
Zalduondo, F M, 390
Zeiner, A, 97
Zeng, S-Q, 695
Zietman, A L, 147
Zurakowski, D, 673

Subject Index—Volume 22

A

- Abdominal aortic aneurysm
 - hepatobiliary scintigraphy of, 645
- Abdominal imaging
 - osteosarcoma, 717
- Abscess
 - abdominal, Tc-99m labeled antigranulocyte monoclonal antibody imaging, 706
 - brain. *See* Brain abscess
 - lower extremity, Tc-99m WBC imaging of, 865
 - psoas muscle, 789
- Abstracts
 - of Central Chapter, Society of Nuclear Medicine, 1997, 577
 - of Society of Nuclear Medicine 43rd Annual Meeting, 1996, 277
 - of Southwestern Chapter, Society of Nuclear Medicine, 42nd Annual Meeting and Cardiac Nuclear Medicine Symposium, 1997, 199
 - of Tenth Northeast Regional Scientific Meeting, New England and New York Chapters, Society of Nuclear Medicine, 1996, 345
- Adenocarcinoma
 - gastric, 187
 - gynecologic, peritoneal metastases, 342
 - metastatic, in soft tissue, 508
 - mimicking primary gastric lymphoma, 628
 - solitary metastasis, in Paget's disease, 300
- Adenoma
 - hepatic
 - with atypical CT and MRI appearance, 825
 - false-positive FDG uptake and, 490
 - parathyroid
 - detection, Tc-99m sestamibi and I-123 in, 258
 - double, Tc-99m sestamibi scintigraphy of, 856
 - ectopic, 459, 491, 621
 - localization, Tc-99m sestamibi scintigraphy with pinhole imaging, 73
 - thyroid, autonomous, 491
- Adrenal imaging
 - Tc-99m RBC scintigraphy, 785
- Adult T-cell leukemia
 - with parotid gland invasion, gallium-67 scintigraphy in, 61
- AIDS
 - FDG PET of contrast-enhancing brain lesions in (ab), 278
 - and lymphoma with massive cerebral necrosis, 427
 - tuberculosis in
 - gallium-67 scintigraphy in, 470
 - sites of involvement, 310
- Amyloidosis
 - hepatic involvement in, 778
- Aneurysm
 - abdominal aortic, hepatobiliary scintigraphy of, 645
 - dissecting aortic, Tc-99m MAG3 detection of, 182
 - left ventricular pseudoaneurysm, detection during radionuclide ventriculography, 775
- Angina pectoris
 - variant, diagnosis, positron emission tomography (PET) in, 442
- Angiography, radionuclide
 - of hydrocele, 570
 - with systemic arterial supply to lung, 526
- Angioplasty
 - and radionuclide inferior venacavography in Budd-Chiari syndrome, 485
- Ankylosing spondylitis
 - chronic symptomatic, SPECT in, 821
- Antifibrin antibody
 - Tc-99m MH-1, cardiopulmonary thromboembolism detected by, 376
- Aortic aneurysm. *See also* Abdominal aortic aneurysm
 - dissecting, Tc-99m MAG3 detection of, 182
- Appendix
 - carcinoid, somatostatin receptor imaging, 467
- Ascites
 - biliary, with spontaneous perforation of gallbladder in infancy, 759
 - urinary, diagnosis, using renal scintigraphy, 523
- Astrocytoma
 - soft-tissue metastases, 505
 - spinal metastases, 863

B

- Bile leakage
 - malrotation of gastrointestinal tract mimicking, 724
 - postoperative, Tc-99m HIDA scintigraphy, 643
- Bladder
 - displacement by rectosigmoid colon, presenting as pelvic soft-tissue mass, 733
 - diverticulum, radionuclide scintigraphy, 385
- Blood dyscrasia
 - and marrow visualization on Tc-99m-RBC blood pool scan, 723

- Bone density measurement
 teenage pregnancy and (ab), 200
- Bone imaging
 of allografts, for osteosarcoma, 532
 in battered child syndrome, 321
 in chronic frontal sinusitis, 795
 in congenital perforation of sternum, 646
 and delayed epiphyseal closure attributable to
 androgen deficiency, 567
 extraskeletal osteosarcoma seen on, 717
 eyebrow sign on, 419
 forearm splints seen on, 711
 functional, 1
 golfer's rib stress fracture on, 503
 hepatic uptake of Tc-99m MDP on, due to
 intravenous iron therapy, 762
 in ischemic osteopathies, 1
 in Kienböck's disease, 481
 in Kohler's disease, 636
 lateral cervical-thoracic, evaluation of
 development of hyperkyphosis (ab), 349
 medullary cavity stenosis of metacarpals on, 501
 of metastatic disease
 adenocarcinoma in soft tissue, 508
 lung cancer, 719
 osteosarcoma, 440, 717, 752
 ovarian cancer in colon, 52
 to thoracic spine, 333
 muscle radionuclide uptake on
 due to chronic muscular injury in sports, 632
 after strenuous activity, 857
 in Paget's disease
 mouse face appearance of vertebrae on, 104
 solitary adenocarcinoma metastasis and, 300
 of polyostotic fibrous dysplasia, in McCune-
 Albright syndrome, 410
 in progressive diaphyseal dysplasia, 791
 psoriatic dactylitis and, 853
 with retroisthmic cleft, 161
 scrotal pathology and, 287
 sequential Tc-99m methylene diphosphonate,
 after total hip arthroplasty, 6
 of sesamoids, 506
 of skeletal stress in ballet dancer, 263
 soft-tissue involvement by adenocarcinoma seen
 on, 508
- SPECT
 in eosinophilic fasciitis, 844
 in evaluation of spinal fusion (ab), 277
 spinal, in chronic symptomatic ankylosing
 spondylitis, 821
- Tc-99m, in management of pain after complicated
 total hip replacement, 593
- Tc-99m HMDP
 of chondrosarcoma of knee, 254
 in chronic frontal sinusitis, 795
 of fibrous dysplasia of temporal bone, 328
 in progressive diaphyseal dysplasia, 791
 of ureteroenteric fistula, 494
- Tc-99m MDP
 in battered child syndrome, 321
 in detection of peritoneal metastases from
 gynecologic adenocarcinoma, 342
 in eosinophilic fasciitis, 844
 increased radionuclide uptake in old surgical
 scar in, 185
 in Klippel-Feil syndrome, 327
 lymph node uptake in Hodgkin's disease, 634
 of metastatic osteosarcoma, 440
 of primary malignant lymphoma of spine, 274
 in relapsing polychondritis, 264
 and *Staphylococcus aureus* paraspinal abscess,
 335
 uptake in calcified untreated non-Hodgkin's
 lymphoma, 343
 urinoma as incidental finding on, 558
 vesico-colic fistula as unexpected finding on,
 192
 three-phase, in osteopetrosis, 858
 of tibial stress fracture from extensive jump
 roping, 860
 in tuberculous osteomyelitis, 776
 ureteroenteric fistula shown on, 494
 urethro-scrotal fistula presenting on, 864
 urinoma as incidental finding on, 558
 with vanishing vertebra, 49
- Bone marrow
 regional expansion, with knee prosthesis (ab), 579
 suppression, after strontium-89 therapy, 147
 visualization, on abdominal blood pool scan, 723
- Bone marrow scintigraphy
 and bone marrow fibrosis secondary to breast
 cancer metastases, 655
 in bone marrow transplanted multiple myeloma
 patients, 80
 histopathologic correlation (ab), 203
 with knee prosthesis (ab), 579
- Bone metastases
 demonstrated by Tc-99m (V) DMSA and Tc-99m
 HMDP, 640
 strontium-89 therapy and imaging with
 bremsstrahlung in, 605
- Book reviews
 Atlas of Heart Diseases: Chronic Ischemic Heart
 Disease by Eugene Braunwald and George A.
 Beller. Reviewed by Andrew M. Keenan, M.D.,
 662
 Atlas of Nuclear Medicine by Marc Coel and
 Jimmy Leung. Reviewed by John B. Selby, Sr.,
 M.D., 661
 Cardiac Nuclear Medicine by Myron C. Gerson.
 Reviewed by Andrew M. Keenan, M.D., 509

- Effects of A-Bomb Radiation on the Human Body by I. Shigematsu, C. Ito, N. Kamada, M. Akiyama and H. Sasaki, eds. Translated by B. Harrison. Reviewed by Roland Bramlet, Ph.D., 661
- Manual of Nuclear Medicine Imaging by Christopher C. Kuni and Rene P. duCret. Reviewed by Andrew M. Keenan, M.D., 736
- Nuclear Medicine: Diagnosis and Therapy by John C. Harbert, William C. Eckelman, and Ronald Neumann. Reviewed by John B. Selby, Sr., M.D., 445
- Nuclear Medicine: Science and Safety by A.C. Perkins. Reviewed by Roland Bramlet, Ph.D., 65
- Nuclear Medicine Procedure Manual 1997-1998 (Software Version) by Wm. C. Kingensmith III, Dennis Eshima, and John Goddard. Reviewed by Gerard W. Moskowitz, M.D., 737
- Nuclear Medicine Procedure Manual 1997-1998 (Textbook Version) by Wm. C. Kingensmith III, Dennis Eshima, and John Goddard. Reviewed by Gerard W. Moskowitz, M.D., 736
- Werner and Ingbar's The Thyroid by L.E. Braverman and R.D. Utiger, eds. Reviewed by Donald A. Meier, M.D., 735
- Brain abscess**
diagnosis, Tc-99m HMPAO leukocyte scintigraphy, 679
Nocardia asteroides, Tc-99m HMPAO SPECT, 407
- Brain imaging**
with bilateral periventricular nodular heterotopia, 119
with cortical blindness, 861
false-positive Tl-201 uptake by intracranial inflammatory pseudotumor, 756
MRI with bilateral periventricular nodular heterotopia, 119
perfusion abnormalities after cocaine challenge in addicts (ab), 199
PET with bilateral periventricular nodular heterotopia, 119
Tc-99m ECD SPECT
in aphasia caused by subcortical infarct, 850
and lymphoma with massive cerebral necrosis, 427
Tc-99m HMPAO SPECT
cerebral infarction due to traumatic internal carotid artery dissection, 782
contralateral cerebellar activation in frontal lobe epilepsy detected by, 194
crossed cerebellar hypoperfusion in mesencephalic infarcts, 399
detection of cerebral radionecrosis (ab), 348
of *Nocardia asteroides* brain abscess, 407
semiquantitative cortical circumferential normalization, 596
in tuberous sclerosis, 130
- Breast cancer**
metastases
axillary lymph node, 832
bone marrow fibrosis secondary to, 655
radioimmunoscintigraphy in, 30
response to chemotherapy, evaluation using Tc-99m sestamibi scintimammography, 638
scintimammography, breast compression in (ab), 278
Tc-99m tetrofosmin accumulation in, 832
- Breasts**
malignant phyllodes tumor, 553
prostheses, Tc-99m MDP accumulation in, 563
- Brown tumors**
multiple, mimicking metastatic bone disease, 691
sestamibi uptake simulating lung mass, 798
- Budd-Chiari syndrome**
radionuclide inferior venacavography in, 485
- C**
- Carbon-14 urea breath test**
for *Helicobacter pylori*, capsule-based (ab), 578
- Carcinoid**
appendiceal, somatostatin receptor imaging, 467
duodenal, In-111 pentetreotide SPECT imaging, 781
somatostatin receptor imaging with, 802
- Cerebrospinal fluid**
chronic leak into peritoneal cavity, 390
fistula, to maxillary bone, In-111 DTPA cisternography, 57
leak, radionuclide cisternography with, 121
lumbopleural shunt, Tc-99m DTPA scintigraphy, 708
- Chilaiditi's syndrome**
Ga-67 scintigraphy in, 575
- Child abuse**
bone scintigraphy in, 321
- Cholecystitis**
gangrenous, gallbladder imaging with, 388, 712
- Cholelithiasis**
bowel compression on gallbladder mimicking, 709
cholescintigraphy, 388, 709
- Cholescintigraphy**
bile retention on, after morphine administration (ab), 346
bowel compression on gallbladder mimicking gallstone on, 709
in diagnosis of Rotor syndrome, 306, 635
in Osler-Weber-Rendu disease, 712
Tc-99m DTPA, in diagnosis of Rotor syndrome, 306

- Chylothorax
 lymphoscintigraphy in, 60
- Cisternography
 of chronic CSF leak into peritoneal cavity, 390
- In-111 DTPA
 of cerebrospinal fluid fistula to maxillary bone, 57
 evaluation of patency of implanted intrathecal infusion pump, 768
 and rapid transit of tracer to kidneys and bladder, with CSF leak, 121
- Cocaine abuse
 cerebral perfusion abnormalities in (ab), 199
 coronary artery fistula and, 425
 thyroid function alterations in (ab), 279
- Colonic transit imaging
 megacolon demonstrated on, 498
- Color Doppler imaging
 of cold thyroid nodules, 76
- Computed tomography
 in chronic frontal sinusitis, 795
 of fibrous dysplasia of temporal bone, 328
 of gastric duplication cyst, 93
 of giant bladder diverticulum causing bilateral hydronephrosis in adult, 385
 of hepatic adenoma, 825
 of hepatic involvement in amyloidosis, 778
 in interstitial pneumonia, 166
 in lung cancer, 243
 with retroisthmic cleft, 161
- Congenital heart disease
 pulmonary atresia with intact septum, 560
- Coronary artery disease
 evaluation of patients for (ab), 202
 systolic thickening index in, determination, 172
- Coronary artery fistula
 stress thallium-201 imaging, 425
- Cortical blindness
 brain SPECT findings with, 861

D

- Deep venous thrombosis
 diagnosis, 261
- Dipyridamole
 infusion, asystole during, 97
- Dosimeter
 color-coded direct-reading pocket-size, 207
- Dosimetry
 MIRDSE3 software (ab), 579
- Dual-energy x-ray absorptiometry (DXA)
 in eating disorders (ab), 348
- Duffer's fracture
 scintigraphic appearance, 503

E

- E.CAM Emission Imaging System (Siemens)
 performance, 443
- Endoscopic retrograde cholangiopancreatography
 pancreatitis secondary to, 565
- Enterogastric reflux
 evaluation with Tc-99m HIDA, in partial situs inversus, 657
 hepatobiliary imaging and (ab), 577
- Eosinophilic gastroenteritis
 Tc-99m HMPAO-labeled leukocyte scintigraphy in, 536
- Epididymo-orchitis
 leukemic infiltration mimicking, on scrotal scintigraphy, 721
- Epilepsy
 cerebral perfusion SPECT imaging in, 363
 frontal lobe, contralateral cerebellar activation in, detected by Tc-99m HMPAO SPECT, 194
 and memory dysfunction, SPECT brain imaging in, 337
- Esophageal cancer
 detection with Tc-99m tetrofosmin SPECT, 431

F

- Familial adenomatous polyposis
 with malignant change, seen with Ga-67 imaging, 647
- Fasciitis
 eosinophilic, 844
- Fatigue fracture
 of proximal radial shaft, 179
- Femur
 congenital abnormalities, scintigraphy of, 730
- Fever of unknown origin
 with psoas muscle abscess, 789
- Fibrous dysplasia
 in McCune-Albright syndrome, 410
- Fluorine-18 fluorodeoxyglucose
 PET
 in chronic thyroiditis, 341
 in lung cancer, 243
 in thyroid cancer, 438
 SPECT, in osteomyelitis (ab), 201

G

- Gallbladder imaging
 with acute gangrenous cholecystitis and cholelithiasis, 388
 bowel compression on gallbladder mimicking gallstone on, 709

- demonstration of mobile gallbladder, 320
- enterogastric reflux and (ab), 577
- fatty meal-induced clearance of gallbladder activity, 58
- octreotide scintigraphy for, 253
- in Osler-Weber-Rendu disease, 712
- in routine lung perfusion imaging, 42
- Gallium-67 citrate
 - cardiac uptake, in child with pulmonary hypertension, heart failure, and bleeding, 128
 - gastric imaging
 - with adenocarcinoma versus lymphoma, 187, 628
 - with melanoma metastases to gastric cancer, 415
 - in hepatic adenoma, 825
 - in hyperoxia-induced lung inflammation (ab), 201
 - in peritoneal metastases from gynecologic adenocarcinoma, 342
 - reversal of osseous uptake, with B₁₂ therapy for pernicious anemia, 561
 - scintigraphy, of sites of tuberculous involvement in AIDS patients, 310
- Gallium nitrate
 - therapy, and Ga-67 scintigraphic detection of lymphoma, 21
- Gallium-67 scintigraphy
 - in acute leukemia, survey of myeloblastoma with, 434
 - in adult T-cell leukemia, with parotid gland invasion, 61
 - in Chilaiditi's syndrome, 575
 - familial adenomatous polyposis with malignant change seen with, 647
 - of gastric cancer, 704
 - in lung cancer, 417
 - of lymphoma
 - aseptic necrosis versus osseous involvement on, 101
 - after gallium nitrate therapy, 21
 - of spine, 274
 - of malignant soft-tissue tumors, 38
 - of *Nocardia asteroides* brain abscess, 407
 - in pulmonary sarcoidosis, 749
 - of sarcomatous transformation of neurofibromas, 610
 - in tuberculosis, 470
 - in tuberculous osteomyelitis, 776
 - in tuberculous spondylitis, 403
 - of vascular synthetic graft infection, 497
- Gallium-67 uptake
 - muscle
 - after exercise, 393
 - in massive rhabdomyolysis, 463
 - in pancreatitis, 565
 - in perisplenic fluid collection, 870
 - in thorax and abdomen, 417
 - in tuberculous spondylitis, 403
- Gamma camera
 - single-headed, with dual isotope imaging, evaluation for coronary artery disease using (ab), 202
 - triple-headed, renal imaging with Tc-99m DMSA in children with upper urinary tract infection, 838
- Gamma camera/computer system
 - single crystal, first-pass cardiac imaging using (ab), 578
- Gamma probe-guided surgery
 - for lymph node metastasis in papillary thyroid carcinoma, 591
- Gastric cancer
 - cutaneous metastases, 704
 - gallium-67 imaging, 704
 - melanoma metastases to, gallium-67 citrate imaging, 415
- Gastric duplication cyst
 - scintigraphy and correlative imaging, 93
- Gastric emptying
 - in infants and children, technetium-99m sulfur colloid milk scan, 303
- Gastrinoma
 - detection, by combined radiologic and scintigraphic techniques, 714
- Gastroesophageal reflux
 - in infants and children, technetium-99m sulfur colloid milk scan, 303
- Gastrointestinal bleeding site imaging
 - Meckel's scintigraphy (ab), 350
 - scintigraphy (ab), 347
 - Tc-99m-RBC, 48, 785, 787
 - marrow visualization on, 723
- Gastrointestinal hemorrhage
 - differential diagnosis of, 785, 787
- Gated blood pool imaging
 - left ventricular pseudoaneurysm detection during, 775
 - in localization of ectopic mediastinal parathyroid, 869
- GenESA system
 - New Drug Application approved, 580
- Gestational sac
 - FDG uptake in, 557
- Gold
 - myocardial Tl-201 scintigraphy and, 479
- Gorham-Stout syndrome
 - lumbar involvement in, 49
- Graves' disease
 - differential diagnosis of, 451
 - I-123 24-hour uptake study in (ab), 204
 - I-131 thyroid ablation in (ab), 348

H

- Hand-Schüller-Christian syndrome
 Tc-99m labeled BW250/183 imaging in, 771
- Helicobacter pylori*
 capsule-based C-14 urea breath test for (ab), 578
- Hemangioma
 cecal, detection with Tc-99m RBC scintigraphy, 804
 of extremities, three-phase scintigraphy of, 372
 hepatic
 and focal hyperemia in RBC blood-flow imaging, 542
 Tc-99m-RBC SPECT, 35, 745
 orbital cavernous, Tc-99m-RBC SPECT, 547
 splenic, three-phase Tc-99m labeled RBC scintigraphy, 158
- Hemimegalencephaly
 interictal and ictal SPECT in, 323
 SPECT evaluation of cerebral perfusion in, 250
- Hemodialysis
 access grafts, clotted, pulmonary clot burden after percutaneous thrombolysis of (ab), 279
- Hepatic arterial perfusion scintigraphy (HAPS)
 with hepatic metastases, 420
- Hepatobiliary imaging
 abdominal aortic aneurysm seen on, 645
 with acute gangrenous cholecystitis and cholelithiasis, 388
 enterogastric reflux and (ab), 577
 with focal nodular hyperplasia of liver due to oral contraceptives, 587
 and malrotation of gastrointestinal tract
 mimicking bile leak, 724
 of mobile gallbladder, 320
 in Osler-Weber-Rendu disease, 712
 splenomegaly on, 180
 spontaneous perforation of gallbladder diagnosed on, 759
 Tc-99m mebrofenin, unusual appearance of viable liver on, 652
- Hepatoblastoma
 thallium positive, gallium negative, 835
- Hepatocellular carcinoma
 accumulation of Tc-99m phytate after percutaneous ethanol injection, 550
- Hernia scintigraphy
 of subclinical inguinal hernia, 409
- Hip pain
 referred, scrotal pathology and, 287
- Hirschsprung's disease
 colonic transit imaging, 498
- Histiocytosis X
 Tc-99m labeled BW250/183 imaging in, 771
- Hodgkin's disease
 and gallium-67 muscle uptake after exercise, 393

- lymph node uptake of Tc-99m MDP in, 634
- Honeycomb lung
 scintigraphic appearance, 166
- Hydrocele
 mimicking testicular torsion, on radionuclide and ultrasound studies, 570
- Hydrocephalus
 lumbopleural CSF shunt, Tc-99m DTPA scintigraphy for assessment of, 708
- Hydrometrocolpos
 renal scintigraphic findings in, 394
- Hyperthyroidism. *See also* Graves' disease
 pyramidal lobe in, 451, 519

I

- Indium-111 diethylenetriaminepentaacetic acid (DTPA)
 cisternography
 of cerebrospinal fluid fistula to maxillary bone, 57
 evaluation of patency of implanted intrathecal infusion pump, 768
- Indium-111 labeled CYT-356 (ProstaScint)
 imaging using dual isotope SPECT acquisition and computer subtraction (ab), 577
- Indium-111 leukocyte imaging
 of deep venous thrombosis, 261
 groin lymph node visualization, in lower extremity infection (ab), 347
 with metastatic disease to thoracic spine, 333
 in patient with Crohn's disease on steroids, 359, 700
- Indium-111 octreotide
 gallbladder visualization at 24 hours with, 253
 in staging of small-cell lung cancer, 811
- Indium-111 pentetreotide (Octreoscan)
 epigastric mass and multiple liver metastases imaged with, 802
 gallbladder activity, fatty meal-induced clearance of, 58
 scintigraphy, in neuroblastoma, 315
 SPECT, and duodenal carcinoid, 781
 uptake by normally functioning nodular goiters, 625
- Indium-111 platelet SPECT
 with suspected residual splenic tissue, 141
- Indium-111 satumomab pendetide (OncoScint)
 in mistletoe injection site, 127
- Indium-111 transferrin
 incidental detection of pulmonary infection using, 397
- Infection. *See also* Vascular graft infection
 abdominal, Tc-99m labeled antigranulocyte monoclonal antibody imaging, 706

- pulmonary, incidental detection on In-111 transferrin imaging, 397
- and Tl-201 uptake in reactive lymphadenopathy, 125
- Inferior venacavography
 - radionuclide, in Budd-Chiari syndrome, 485
- Inflammatory bowel disease
 - diagnostic value of Tc-99m HIG scan in, 17
- Interstitial pneumonia
 - scintigraphic appearance, 166
- Intravenous drug abuse
 - lower extremity abscess due to, Tc-99m WBC imaging of, 865
- Iodine-123
 - false-positive uptake in chest wall, 572
 - in gamma probe-guided resection of lymph node metastasis in papillary thyroid carcinoma, 591
 - 24-hour uptake study in Graves' disease (ab), 204
 - imaging, in thyroid cancer, 438
 - uptake in chest wall after needle biopsy of pulmonary nodule, 572
- Iodine-131
 - imaging
 - in thyroid cancer, 438
 - in thyroiditis, 564
 - therapy
 - for follicular carcinoma, and I-131 whole-body imaging, 123
 - for thyroid cancer, dosimetry (ab), 199
 - thyroid ablation, in Graves' disease (ab), 348
 - whole-body scintigraphy
 - artifact, with thyroid cancer, 855
 - demonstration of lingual thyroid (ab), 349
 - false-positive, with thyroid cancer, 380
 - with thoracic vertebral uptake in patient with thyroid cancer, 855
- Iodine-123 iodoamphetamine (IMP)
 - imaging of adenocarcinoma mimicking gastric lymphoma, 628
- Iodine-123 lomazenil SPECT
 - in tuberous sclerosis, 130
- Iodine-123 metaiodobenzylguanidine (MIBG)
 - cardiac accumulation after drug therapy in Parkinson's disease, 697
 - of pheochromocytoma
 - in diagnosis, 268
 - pulmonary metastases, 687
- Iodine-131 metaiodobenzylguanidine (MIBG)
 - in neuroblastoma, 315
 - of pheochromocytoma, pulmonary metastases, 687
- Iron therapy
 - intravenous, hepatic uptake of Tc-99m MDP on bone scintigraphy due to, 762

K

- Kienböck's disease
 - bone imaging in, 481
- Klippel-Feil syndrome
 - scintigraphic findings in, 327
- Knee joint replacement
 - radionuclide arthrography after, 669
- Köhler's disease
 - bone imaging in, 636

L

- Left ventricular ejection fraction
 - calculated from gated SPECT (ab), 348, 577
- Leukocyte scintigraphy
 - In-111-labeled
 - of deep venous thrombosis, 261
 - groin lymph node visualization, in lower extremity infection (ab), 347
 - with metastatic disease to thoracic spine, 333
 - in patient with Crohn's disease on steroids, 359, 700
 - Tc-99m HMPAO-labeled
 - brain abscess, 679
 - in eosinophilic gastroenteritis, 536
 - ineffective splenosis detected on, 271
 - in inflammatory bowel disease, diagnostic value, 17
 - of *Nocardia asteroides* brain abscess, 407
 - vascular graft infection on (ab), 277
 - Tc-99m-labeled
 - in chronic pancreatitis with pseudocyst, 852
 - detection of prosthetic vascular graft infection (ab), 349
 - false-positive, with distended bladder and fecal retention, 422
 - in intravenous drug abuse, 865
 - in patient with Crohn's disease on steroids, 359, 700
 - Tc-99m stannous chloride colloid-labeled (ab), 346
- Liposomes
 - dual radiolabeled
 - infection imaging using (ab), 201
 - osteomyelitis detection using (ab), 201
 - Tc-99m-labeled, in detection of hyperoxia-induced lung inflammation (ab), 201
- Liver
 - adenoma
 - with atypical CT and MRI appearance, 825
 - false-positive FDG uptake and, 490
 - in amyloidosis, 778
 - astrocytoma metastases to, 505
 - focal nodular hyperplasia, regression after oral contraceptive discontinuation, 587

- growth/regression in disease (ab), 349
 - hemangioma
 - and focal hyperemia in RBC blood-flow imaging, 542
 - Tc-99m-RBC SPECT, 35, 745
 - metastases to, unusual perfusion pattern with, 420
 - osteosarcoma in, scintigraphic appearance, 717
 - reduced radioactivity in periphery, with idiopathic portal hypertension, 369
 - Tc-99m phytate accumulation in hepatocellular carcinoma, after percutaneous ethanol injection, 550
 - viable, unusual appearance on Tc-99m mebrofenin hepatobiliary imaging, 652
 - Liver imaging. *See also* Hepatobiliary imaging
 - Tc-99m mebrofenin
 - in hepatic transplants (ab), 278
 - unusual appearance on, 652
 - Lumbar spine
 - bone SPECT of, artifact on, 133
 - Lung
 - astrocytoma metastases to, 505
 - left, systemic arterial supply to, 526
 - Lung cancer
 - and gallium-67 uptake in thorax and abdomen, 417
 - metastatic
 - bone scintigraphy in uncommon presentation of, 719
 - in soft tissue, 508
 - recurrent, early detection with thallium-201 SPECT, 196
 - small-cell, staging, In-111 octreotide imaging in, 811
 - Tc-99m MIBI scintigraphy in, 243
 - Tc-99m tetrofosmin accumulation in, 46
 - Lung imaging
 - radioiodine bronchogram, in acute respiratory infection, 308
 - sites of tuberculous involvement in HIV-infected (AIDS) patients, 310
 - Tc-99m MIBI
 - of large pulmonary hematoma, 188
 - in lung cancer, 243
 - Lung perfusion imaging
 - Tc-99m MAA
 - artifactual perfusion defect from hypertrophic costosternal articulation, 642
 - in emphysema, after lung volume reduction surgery, 683
 - Lung scintigraphy
 - in interstitial pneumonia, 166
 - pulmonary artery sling and, 484
 - Lung ventilation imaging, aerosol
 - with Tc-99m pertechnegas, technical aspects (ab), 579
 - Lung ventilation-perfusion scan
 - detection of pulmonary emboli, 817
 - gallbladder visualization on, 42
 - mismatch, in interstitial pneumonia, 166
 - pulmonary artery sling and, 484
 - radioxenon study, double fistula bronchopleural and pleurocutaneous leakage during, 241
 - in Swyer-James (Macleod's) syndrome,
 - correlation with multimodality imaging, 115
 - with systemic arterial supply to left lung, 526
 - Lymphangiectasia
 - intestinal, Tc-99m dextran lymphoscintigraphy, 695
 - Lymph nodes
 - Ga-67 accumulation in, with gastric cancer, 704
 - Lymphocele
 - and urinoma, differential diagnosis of, 726
 - Lymphoma
 - B-cell non-Hodgkin's, I-131 Lym-1 monoclonal antibody in (ab), 200
 - Ga-67 avid
 - aseptic necrosis versus osseous involvement on, 101
 - versus gastric adenocarcinoma, 187, 628
 - gastric, versus adenocarcinoma, 187, 628
 - Hodgkin's
 - and gallium-67 muscle uptake after exercise, 393
 - Tc-99m MDP uptake in, 634
 - with massive cerebral necrosis, in HIV-infected (AIDS) patient, 427
 - non-Hodgkin's, of spleen, calcified untreated, Tc-99m MDP uptake in, 343
 - primary, of spine, diagnostic imaging, 274
 - Lymphoscintigraphy
 - in chylothorax, 60
 - Tc-99m dextran, intestinal lymphangiectasia and, 695
- M**
- Magnetic resonance imaging
 - cerebral
 - of bilateral periventricular nodular heterotopia, 119
 - with occipital defect, 123
 - of fibrous dysplasia of temporal bone, 328
 - of hepatic adenoma, 825
 - of hepatic involvement in amyloidosis, 778
 - in neurofibromatosis, 132
 - Meckel's scintigraphy
 - ten-year retrospective review (ab), 350
 - Medulloblastoma
 - and chronic CSF leak into peritoneal cavity, 390
 - Meetings and abstracts. *See* Abstracts

- Megacolon
demonstrated on colonic transit imaging, 498
- Melanoma
metastases to gastric cancer, gallium-67 citrate imaging, 415
ocular, radioimmunoscintigraphy with, 25
- Mesoblastic nephroma
Tc-99m dimercaptosuccinic acid (DMSA) imaging, 797
- Metacarpals
medullary cavity stenosis, 501
- Metastatic disease
bone imaging in, mouse face appearance on, 104
with breast cancer
radioimmunoscintigraphy in, 30
Tc-99m tetrofosmin accumulation in, 832
with lung cancer, Tc-99m tetrofosmin accumulation in, 46
with ovarian cancer, colon visualization on bone scan in, 52
strontium-89 therapy, bone marrow suppression after, 147
- Metastron
in multidisciplinary pain clinic environment (ab), 200
- Milk scan
anterior versus conjugate counting, 303
- Monoclonal antibodies
to granulocytes
bone marrow scintigraphy, in bone marrow transplanted multiple myeloma patients, 80
Tc-99m labeled, for detection of abdominal abscess, 706
Tc-99m labeled BW250/183, imaging of Hand-Schüller-Christian syndrome, 771
- 170H.82, Tc-99m labeled,
radioimmunoscintigraphy with, in breast cancer, 30
- I-131 Lym-1, in B-cell non-Hodgkin's lymphoma (ab), 200
- In-111 CYT-356 (ProstaScint), imaging using dual isotope SPECT acquisition and computer subtraction (ab), 577
- In-111 CYT-103, immunoscintigraphy of isolated splenic metastasis from ovarian carcinoma, 256
- PMN-specific Tc-99m-labeled, imaging acute appendicitis with (ab), 347
radioimmunoscintigraphy with, in ocular melanoma, 25
radioimmunotherapy treatment planning, software protocol for (ab), 579
Tc-99m MH-1 antifibrin, cardiopulmonary thromboembolism detected by, 376
Y-90-labeled, radioimmunotherapy with (ab), 579
- MRI/SPECT
image fusion (ab), 199
- Muscle
gallium-67 uptake after exercise, 393
radionuclide uptake, due to chronic muscular injury in sports, 632
Tc-99m MDP and gallium-67 uptake, in massive rhabdomyolysis, 463
Tc-99m MDP uptake, after strenuous activity, 857
- Myeloblastoma
survey, with Ga-67 scan, in acute leukemia, 434
- Myocardial imaging
first-pass, using single crystal gamma camera/computer system (ab), 578
gated SPECT, left ventricular ejection fraction obtained from (ab), 577
gated SPECT thallium
comparative evaluation using standard and shortened acquisition protocols (ab), 204
left ventricular ejection fraction calculated from (ab), 348
results, conversion into same day cardiac catheterization (ab), 203
upward creep during (ab), 202
Ga-67 uptake in child with pulmonary hypertension, heart failure, and bleeding, 128
perfusion
attenuation correction (ab), 577
and coronary artery fistula, 425
in patients with high exercise tolerance (ab), 202
upward creep during (ab), 202
- Tc-99m MIBI
with atypical chest pain, 266
gated, 172
normal variant (ab), 346
- Tl-201 scintigraphy
and asystole during dipyridamole infusion, 97
and sodium aurothiomalate administration, 479
- Tl-201 SPECT, after NaI-131 thyroid ablation (ab), 203
- Myocardium
blood flow, and recovery of function after revascularization (ab), 278
jeopardized, gated Tc-99m sestamibi SPECT, 172
- N
- Neural arch cleft
retroisthmie, scintigraphic appearance, 161
- Neuroblastoma
indium-111 pentetateotide scintigraphy in, 315
- Neurofibromas
sarcomatous transformation, 610
- Neurofibromatosis
Tc-99m DTPA delayed SPECT imaging of, 132
type I, shown by Tc-99m (V) DMSA, 573

Nocardia asteroides

brain abscess, 407

Non-Hodgkin's lymphoma

B-cell, I-131 Lym-1 monoclonal antibody in (ab), 200

of spleen, calcified untreated, Tc-99m MDP uptake in, 343

Nuclear cardiology

gated SPECT, left ventricular ejection fraction obtained from (ab), 348, 577

Tc-99m MIBI

with atypical chest pain, 266

gated SPECT, 172

normal variant (ab), 346

thallium, gated SPECT

left ventricular ejection fraction calculated from (ab), 348

upward creep during (ab), 202

Nuclear medicine

DICOM-formatted images, viewing, using World Wide Web browser (ab), 204

marketing (ab), 204

radiation exposure in hospital centralized nuclear pharmacy (ab), 578

O

Oncoscintigraphy

of neuroendocrine and non-neuroendocrine tumors (ab), 350

Oral contraceptives

focal nodular hyperplasia of liver due to, 587

Orbit

cavernous hemangioma, Tc-99m RBC SPECT, 547

Osler-Weber-Rendu disease

hepatobiliary scan in, 712

Osteomyelitis

animal model (ab), 201

detection using dual radiolabeled liposomes (ab), 201

F-18 SPECT imaging (ab), 201

Osteopetrosis

three-phase bone scintigraphy, 858

Osteosarcoma

allografts in, scintigraphy of, 532

extraskeletal, scintigraphic appearance, 717 metastatic

and bone infarction, differentiation, 752

scintigraphic evaluation of, 440, 752

parosteal, scintigraphic appearance, 54

Ovarian cancer

CT/SPECT image superimposition in, 151

Overuse injury

in weightlifter, 711

P

Paget's disease

bone scan in

mouse face appearance of vertebrae on, 104

solitary adenocarcinoma metastasis and, 300

of sternum, simulating ectopic parathyroid adenoma, 621

Pancreatitis

chronic, with pseudocyst, 852

secondary to endoscopic retrograde

cholangiopancreatography, 565

Parathyroid carcinoma

multiple brown tumors mimicking metastatic bone disease, 691

Parathyroid imaging

for adenoma

localization using Tc-99m sestamibi scintigraphy with pinhole imaging, 73

SPECT and subtraction imaging, 459

Tc-99m sestamibi and I-123 in, 258

Tc-99m sestamibi scintigraphy, 856

double-phase Tc-99m sestamibi SPECT

in hyperparathyroidism, 217

hyperplasia and, 222

ectopic gland, detection with Tc-99m sestamibi, 120

ectopic mediastinal parathyroid localization, 869

in hyperparathyroidism, 491, 798

Tc-99m sestamibi SPECT, 217, 277 (ab)

Tc-99m sestamibi, of recurrent

hyperparathyroidism in parathyroid

autotransplanted patients, 872

Parkinson's disease

drug therapy, cardiac I-123 MIBG accumulation after, 697

serial [I-123] B-CIT SPECT imaging in (ab), 345

Pediatric patient

gastric emptying in, technetium-99m sulfur colloid milk scan, 303

gastroesophageal reflux in, technetium-99m sulfur colloid milk scan, 303

hepatoblastoma in, thallium positive, gallium negative, 835

with medulloblastoma and chronic CSF leak into peritoneal cavity, 390

nomograms of renal length in, obtained from Tc-99m dimercaptosuccinic acid (DMSA) (ab), 350

proximal femoral focal deficiency in, scintigraphy of, 730

with pulmonary hypertension, heart failure, and bleeding, gallium-67 citrate cardiac uptake, 128

spontaneous perforation of gallbladder, diagnosed on hepatobiliary imaging, 759

Tc-99m MAG3 imaging

diuretic, in term and preterm infants (ab), 347

- of primary megaureter, 355
- Tc-99m MDI bone imaging in battered child syndrome, 321
- tibial stress fracture from extensive jump roping, scintigraphic appearance, 860
- with upper urinary tract infection, SPECT in, 838
- Perchlorate discharge test
 - with thyroid gland ectopy, 13
- Percutaneous transhepatic ethanol injection therapy (PEIT)
 - Tc-99m phytate accumulation in hepatocellular carcinoma after, 550
- Periostitis
 - in weightlifter, 711
- Peritoneal dialysis scan
 - of subclinical inguinal hernia, 409
- Peritoneoscintigraphy
 - of subclinical inguinal hernia, 409
- Pernicious anemia
 - B₁₂ therapy for, reversal of osseous gallium-67 citrate uptake with, 561
- Pheochromocytoma
 - CT/SPECT image superimposition in, 151
 - diagnostic imaging, 268
 - metastatic pulmonary, 687
- Phyllodes tumor
 - of breast, 553
- Pneumonia
 - focal thallium-201 uptake in, 183
 - Tc-99m tetrofosmin accumulation in, 488
- Popliteal cyst
 - rupture, radionuclide venography and radionuclide arthrography with, 326
- Portal hypertension
 - reduced radioactivity in periphery of liver with, 369
- Positron emission tomography (PET)
 - of bilateral periventricular nodular heterotopia, 119
 - fluorine-18 FDG
 - in chronic thyroiditis, 341
 - evaluation of contrast-enhancing brain lesions in HIV-infected (AIDS) patients (ab), 278
 - hepatic adenoma and, 490
 - intrauterine radionuclide uptake during menstruation, 793
 - in lung cancer, 243
 - radionuclide uptake in gestational sac, 557
 - spinal metastases of astrocytoma on, 863
 - in thyroid cancer, 438
 - total body (ab), 200
 - in variant angina, 442
- Prostate cancer
 - bony metastases to skull, and scintigraphic eyebrow sign, 419

- Protein-losing enteropathy
 - In-111 transferrin imaging in, and incidental detection of pulmonary infection, 397
 - Tc-99m dextran lymphoscintigraphy and, 695
- Pseudoaneurysm
 - left ventricular, detection during radionuclide ventriculography, 775
 - postoperative, detection after heminephrectomy, 800
- Psoas muscle abscess
 - Tc-99m (V) DMS imaging, 789
- Psoriatic dactylitis
 - bone scintigraphic appearance, 853
- Pulmonary artery sling
 - pulmonary scintigraphy and, 484
- Pulmonary atresia
 - with intact septum, 560
- Pulmonary embolism
 - detection, 817
 - by antifibrin scintigraphy, 376
- Pulmonary hematoma
 - Tc-99m MIBI lung imaging of, 188
- Pyelonephritis
 - Tc-99m dimercaptosuccinic acid (DMSA) renal scintigraphy and, 292

R

- Radiation exposure
 - in hospital centralized nuclear pharmacy (ab), 578
- Radioimmunosintigraphy
 - in breast cancer, 30
 - with ocular melanoma, 25
 - Tc-99m nofetumomab merpentan (Verluma), 615
- Radioiodine. *See also* Iodine-123; Iodine-131
 - bronchogram, in acute respiratory infection, 308
 - tracheobronchial uptake, with acute respiratory infection, 308
- Radionuclide arthrography
 - of painful knee joint prosthesis, 669
 - of ruptured popliteal cyst, 326
- Radionuclide ventriculography
 - detection of left ventricular pseudoaneurysm during, 775
 - detection of pulmonary emboli and associated right heart dysfunction, 817
- Radius
 - proximal shaft, insufficiency fracture, 179
- Red blood cells
 - scintigraphy
 - occult retroperitoneal bleed detected by, 765
 - retroperitoneal bleed detected by, 867
- Tc-99m
 - adrenal imaging, 785
 - and cecal hemangioma, 804

- gastrointestinal bleeding site imaging, 48, 785, 787
- and hepatic hemangioma, 35, 542, 745
- marrow visualization, blood dyscrasia and, 723
- and orbital cavernous hemangioma, 547
- pseudoaneurysm after heminephrectomy and, 800
- renal imaging, 785
- simultaneous demonstration of gastrointestinal bleeding and femoral-femoral graft, 48
- in splenic hemangioma, 158
- three-phase scintigraphy of hemangiomas, 372
- Reflex sympathetic dystrophy
- after total hip replacement, 593
- Renal cell carcinoma
- metastases, Tc-99m hexamethylpropylene amineoxime (HMPAO) uptake in, 569
- Renal imaging
- arterial obstruction seen on, 231
- congenital megacalyces on, 653
- detection of renal cortical defects, 673
- detection of renal vascular disease, 231
- for differential diagnosis of lymphocele and urinoma, 726
- with giant bladder diverticulum causing bilateral hydronephrosis in adult, 385
- in hydrometrocolpos, 394
- postoperative urinary ascites diagnosed with, 523
- in quantitative assessment of renal function, 176
- Tc-99m dimercaptosuccinic acid (DMSA)
- in children with upper urinary tract infection, 838
- detection of renal cortical defects, 673
- in horseshoe kidney, 63
- kidney swelling and, 292
- with mesoblastic nephroma, 797
- nomograms of renal length in children obtained from (ab), 350
- Tc-99m MAG3
- demonstration of polycystic kidneys in tuberous sclerosis, 555
- demonstration of postural induced drainage stasis in allograft, 235
- detection of dissecting aortic aneurysm on, 182
- diuretic, in term and preterm infants (ab), 347
- of primary megaureter, 355
- renal cortical radionuclide retention in hypotension, 190
- of scrotal urinoma, 401
- Tc-99m-MAG3 clearance by camera method in allografts (ab), 200
- Tc-99m RBC scintigraphy, 785
- triple, cyclosporine nephrotoxicity and (ab), 277
- in tuberous sclerosis, 176
- Retroperitoneal bleed
- detected by RBC scintigraphy, 867
- occult, detection using Tc-99m labeled RBC, 765
- Rhabdomyolysis
- muscle Tc-99m MDP and gallium-67 uptake in, 463
- Rim sign
- with acute gangrenous cholecystitis and cholelithiasis, 388
- Rotor syndrome, diagnosis
- cholescintigraphy in, 635
- Tc-99m DIPA cholescintigraphy in, 306
- S**
- Salivary glands
- normal, functional ratios (ab), 200
- Sarcoidosis
- myocardial, resting Tl-201 scintigraphy in, 475
- pulmonary, Tc-99m sestamibi and Ga-67 in, comparison of, 749
- Scintimammography
- breast compression in (ab), 278
- Tc-99m sestamibi, evaluation of breast cancer response to chemotherapy, 638
- Scrotal pathology
- cellulitis, simulating testicular infarction, 499
- referred hip pain and, 287
- urethro-scrotal fistula presenting on bone scan, 864
- urinoma, Tc-99m MAG3 imaging of, 401
- Scrotal scintigraphy
- leukemic infiltration mimicking epididymo-orchitis on, 721
- Seizures. *See also* Epilepsy
- nonepileptic, cerebral perfusion SPECT imaging in, 363
- Shielding
- CLEAR-Pb lead-plastic mobile barriers for, 207
- Single-photon emission computed tomography (SPECT)
- artifact, during lumbar spine imaging, 133
- bone imaging
- artifact, 133
- differentiation of metastatic osteosarcoma and bone infarction, 752
- in eosinophilic fasciitis, 844
- in evaluation of spinal fusion (ab), 277
- spinal, in chronic symptomatic ankylosing spondylitis, 821
- brain imaging
- in aphasia caused by subcortical infarct, 850
- cerebral perfusion, in epileptic and nonepileptic seizures, 363
- and cerebral vasospasm occult to transcranial Doppler, 238
- with cortical blindness, 861
- in hemimegalencephaly, 250, 323

- and lymphoma with massive cerebral necrosis, 427
- in mild traumatic brain injury (ab), 345
- in patient with epilepsy and memory dysfunction, 337
- semiquantitative cortical circumferential normalization, 596
- detection of renal cortical defects, 673
- double-phase Tc-99m sestamibi
 - in hyperparathyroidism, 217
 - hyperplasia and, 222
 - of thyroid gland, in patient with malignant nodule, 413
- gated, left ventricular ejection fraction obtained from (ab), 577
- gated thallium
 - left ventricular ejection fraction calculated from (ab), 348
 - upward creep during (ab), 202
- I-123 lomazenil, in tuberous sclerosis, 130
- indium-111
 - and duodenal carcinoid, 781
 - effect of Tc-99m and In-111 uniformity correction maps on image quality (ab), 203
- in metastatic ovarian cancer, 52
- of metastatic pulmonary pheochromocytomas, 687
- single-headed gamma camera with dual isotope imaging, evaluation for coronary artery disease using (ab), 202
- spleen imaging
 - Ga-67 uptake in perisplenic fluid collection, 870
 - In-111 autologous platelets for, 141
- Tc-99m DMSA renal imaging, in children with upper urinary tract infection, 838
- Tc-99m DTPA
 - in neurofibromatosis, 132
 - with systemic arterial supply to left lung, 526
- Tc-99m HMPAO
 - cerebral infarction due to traumatic internal carotid artery dissection, 782
 - contralateral cerebellar activation in frontal lobe epilepsy detected by, 194
 - crossed cerebellar hypoperfusion in mesencephalic infarcts, 399
 - detection of cerebral radionecrosis (ab), 348
 - in eosinophilic gastroenteritis, 536
 - of *Nocardia asteroides* brain abscess, 407
- Tc-99m MAA, in emphysema, after lung volume reduction surgery, 683
- Tc-99m-RBC
 - and hepatic hemangioma, 35, 542, 745
 - and orbital cavernous hemangioma, 547
 - in splenic hemangioma, 158
- Tc-99m sestamibi
 - gated, determination of systolic thickening index with, 172
 - in hyperparathyroidism, 217, 277 (ab), 291
 - in lung cancer, 243
 - of parathyroid adenoma, 459
- Tc-99m tetrofosmin
 - esophageal cancer detection, 431
 - in pneumonia, 488
 - skull meningioma demonstrated with, 650
- thallium
 - differentiation of metastatic osteosarcoma and bone infarction, 752
 - early detection of recurrent lung cancer with, 196
 - myocardial, 172
 - xenon-133, in emphysema, after lung volume reduction surgery, 683
- Skin necrosis
 - in intravenous drug abuse, Tc-99m WBC imaging of, 865
- Sodium aurothiomalate
 - administration, myocardial TI-201 scintigraphy and, 479
- Soft-tissue tumors
 - malignant, scintigraphy, 38
- Somatostatin analog scintigraphy
 - In-111 octreotide
 - gallbladder visualization at 24 hours with, 253
 - in staging of small-cell lung cancer, 811
 - In-111 pentetreotide (SMS)
 - and duodenal carcinoid, 781
 - epigastric mass and multiple liver metastases imaged with, 802
 - gallbladder activity, fatty meal-induced clearance of, 58
 - in neuroblastoma, 315
 - normally functioning nodular goiters and, 625
- Somatostatin receptor imaging
 - with epigastric mass and multiple liver metastases, 802
 - gastrinoma detection and, 714
 - incidental appendix carcinoid and, 467
 - In-111 pentetreotide uptake by normally functioning nodular goiters, 625
 - oncoscintigraphy of neuroendocrine and non-neuroendocrine tumors (ab), 350
 - in staging of small-cell lung cancer, 811
- Spleen imaging
 - accessory spleen, detection using SPECT with In-111 autologous platelets, 141
 - Ga-67 uptake in perisplenic fluid collection, 870
 - hemangioma, three-phase Tc-99m labeled RBC scintigraphy, 158
- Splenomegaly
 - on hepatobiliary imaging, 180

- Sternum
 congenital perforation, bone imaging, 646
- Stomach
 gastric duplication cyst, scintigraphy and
 correlative imaging, 93
- Stress fracture
 duffer's fracture, scintigraphic appearance, 503
 of sesamoids, 506
 tibial, from extensive jump roping, scintigraphic
 appearance, 860
- Strontium-89
 imaging, with bremsstrahlung, 605
 therapy
 bone marrow suppression after, 147
 in bone metastases, 605
- Superimposition of SPECT and CT
 clinical applications, 151
 in detection of accessory spleen, 141
 phantom study, 151
- Systemic-portal shunt
 in unilateral iliac vein stenosis, 404
- T**
- Technetium-99m
 leukocytes labeled with
 in chronic pancreatitis with pseudocyst, 852
 detection of prosthetic vascular graft infection
 (ab), 349
 false-positive imaging, with distended bladder
 and fecal retention, 422
 in intravenous drug abuse, 865
 in patient with Crohn's disease on steroids, 359,
 700
- Technetium-99m dextran
 lymphoscintigraphy, intestinal lymphangiectasia
 and, 695
- Technetium-99m diethylenetriaminepentaacetic acid
 (DTPA)
 extrarenal accumulation in gluteal abscess, 324
 renal imaging
 for differential diagnosis of lymphocele and
 urinoma, 726
 urinoma on, 558
 scintigraphy, of lumbopleural CSF shunt, 708
- SPECT
 delayed imaging, in neurofibromatosis, 132
 with systemic arterial supply to left lung, 526
- Technetium-99m diisopropylphenyl
 carbamoylmethyl iminodiacetic acid (DIPA)
 cholescintigraphy, in diagnosis of Rotor
 syndrome, 306
- Technetium-99m dimercaptosuccinic acid (DMSA)
 pentavalent
 accumulation in medullary thyroid carcinoma,
 339
 bone metastases demonstrated by, 640
 in hepatic involvement in amyloidosis, 778
 neurofibromatosis type I shown by, 573
 psoas muscle abscess imaging, 789
 sarcomatous transformation of neurofibromas
 and, 610
- renal imaging
 in children with upper urinary tract infection,
 838
 detection of renal cortical defects, 673
 horseshoe kidney, 63
 kidney swelling and, 292
 nomograms of renal length in children obtained
 from (ab), 350
- Technetium-99m ethylenediylbis cysteine ester
 dihydrochloride (ECD)
 brain SPECT
 in aphasia caused by subcortical infarct, 850
 and lymphoma with massive cerebral necrosis,
 427
- Technetium-99m HDP
 extraskeletal accumulation, in metastatic ovarian
 cancer, 52
 in parosteal osteosarcoma, 54
- Technetium-99m hexamethylpropylene amineoxime
 (HMPAO)
 brain imaging
 cerebral infarction due to traumatic internal
 carotid artery dissection, 782
 contralateral cerebellar activation in frontal
 lobe epilepsy detected by, 194
 crossed cerebellar hypoperfusion in
 mesencephalic infarcts, 399
 functional, in detection of cerebral
 radionecrosis (ab), 348
 of *Nocardia asteroides* brain abscess, 407
 semiquantitative cortical circumferential
 normalization, 596
 in inflammatory bowel disease, diagnostic value,
 17
- leukocytes labeled with
 brain abscess, 679
 in eosinophilic gastroenteritis, 536
 ineffective splenosis detected using, 271
 and *Nocardia asteroides* brain abscess, 407
 vascular graft infection imaging with (ab), 277
 uptake in renal cell carcinoma metastases, 569
- Technetium-99m HIDA scintigraphy
 evaluation of enterogastric reflux in partial situs
 inversus, 657
 localization of postoperative biliary leak, 643
- Technetium-99m HMDP
 bone imaging
 of chondrosarcoma of knee, 254
 in chronic frontal sinusitis, 795
 of fibrous dysplasia of temporal bone, 328

- in metastatic disease, 640
- in progressive diaphyseal dysplasia, 791
- of ureteroenteric fistula, 494
- uptake in malignant phyllodes tumor of breast, 553
- Technetium-99m human immunoglobulin (HIG)
 - in inflammatory bowel disease, diagnostic value, 17
 - uptake by uterine myoma, 273
- Technetium-99m human serum albumin galactosyl (GSA)
 - in hepatic involvement in amyloidosis, 778
 - radioaccumulation decrease in periphery of liver, with idiopathic portal hypertension, 369
- lymphoscintigraphy using, in chylothorax, 60
- three-phase scintigraphy of hemangiomas, 372
- Technetium-99m human serum albumin colloid bone marrow scintigraphy, in bone marrow transplanted multiple myeloma patients, 80
- Technetium-99m labeled red blood cells. *See* Technetium-99m RBC
- Technetium-99m macroaggregated human serum albumin (MAA)
 - artifactual perfusion defect from hypertrophic costosternal articulation, 642
 - gallbladder activity, after pulmonary perfusion study, 42
 - hepatic perfusion pattern, with metastatic disease, 420
 - lung perfusion imaging, in emphysema, after lung volume reduction surgery, 683
 - venography, in unilateral iliac vein stenosis, 404
- Technetium-99m mebrofenin
 - kinetics, in hepatic transplants (ab), 278
 - unusual appearance of viable liver with, 652
- Technetium-99m mercaptoacetyltriglycine (MAG3)
 - renal imaging
 - demonstration of polycystic kidneys in tuberous sclerosis, 555
 - diuretic, in term and preterm infants (ab), 347
 - of primary megaureter, 355
 - renal cortical radionuclide retention in hypotension, 190
 - renal transplant imaging
 - demonstration of postural induced drainage stasis in allograft, 235
 - detection of dissecting aortic aneurysm on, 182
 - of scrotal urinoma, 401
 - Tc-99m-MAG3 clearance by camera method, 200
 - scintigraphy, renal-pancreatic allograft dysfunction seen on, 338
- Technetium-99m methoxyisobutylisonitrile (MIBI). *See also* Technetium-99m sestamibi
 - bone marrow uptake, and bone marrow fibrosis secondary to breast cancer metastases, 655
 - bone structure visualized with, 331
 - in breast cancer, 832
 - brown tumor sestamibi uptake simulating lung mass, 798
 - double-phase thyroid scan, in patient with malignant nodule, 413
 - lung imaging
 - of large pulmonary hematoma, 188
 - in lung cancer, 243
 - myocardial imaging, with atypical chest pain, 266
 - parathyroid imaging
 - multiple brown tumors in parathyroid carcinoma, 691
 - of recurrent hyperparathyroidism in parathyroid autotransplanted patients, 872
 - right atrium seen as mediastinal lesion on (ab), 346
 - sarcomatous transformation of neurofibromas and, 610
 - thyroid imaging
 - double-phase, in patient with malignant nodule, 413
 - normal variant (ab), 346
- Technetium-99m methylenediphosphonate (MDP)
 - bone imaging
 - in battered child syndrome, 321
 - in detection of peritoneal metastases from gynecologic adenocarcinoma, 342
 - in eosinophilic fasciitis, 844
 - hepatic uptake of Tc-99m MDP on, due to intravenous iron therapy, 762
 - in Klippel-Feil syndrome, 327
 - of metastatic osteosarcoma, 440
 - of primary malignant lymphoma of spine, 274
 - radionuclide uptake in old surgical scar in, 185
 - in relapsing polychondritis, 264
 - uptake in calcified untreated non-Hodgkin's lymphoma, 343
 - urinoma as incidental finding on, 558
 - vesico-colic fistula as unexpected finding on, 192
 - extraosseous uptake
 - in Hodgkin's disease, 634
 - related to pulmonary bleeding, 255
 - liver and lung uptake related to astrocytoma metastases, 505
 - muscle uptake
 - in massive rhabdomyolysis, 463
 - after strenuous activity, 857
 - in tuberculous osteomyelitis, 776
 - uptake
 - in breast prostheses, 563
 - in *Staphylococcus aureus* paraspinal abscess, 335
 - whole-body imaging, bladder displacement by rectosigmoid colon presenting as pelvic soft-tissue mass on, 733

- Technetium-99m methylenediphosphonate (MDP) (skeletal)
after total hip arthroplasty, sequential scans, 6
unexpected finding of vesico-colic fistula on, 192
- Technetium-99m monoclonal antibodies to granulocytes (LeukoScan)
bone marrow scintigraphy, in bone marrow transplanted multiple myeloma patients, 80
for detection of abdominal abscess, 706
Tc-99m labeled BW250/183, imaging of Hand-Schüller-Christian syndrome, 771
- Technetium-99m nofetumomab merpentan (Verluma)
radioimmunoscintigraphy, 615
- Technetium-99m pertechnetate scintigraphy
of double thyroid, 270
in hyperthyroidism, 519
of malignant soft-tissue tumors, 38
of scrotal cellulitis, 499
in subacute thyroiditis, 109
of thyroid hypertrophy after adult-onset hypothyroidism, 272
- Technetium-99m phytate
accumulation in hepatocellular carcinoma, after percutaneous ethanol injection, 550
in hepatic adenoma, 825
in hepatic involvement in amyloidosis, 778
- Technetium-99m pyridoxyl-5-methyltryptophan (PMT)
characterization of hepatic adenoma, 825
- Technetium-99m RBC
cecal hemangioma and, 804
gastrointestinal bleeding site imaging, 48, 785, 787
hepatic hemangioma and, 35, 542, 745
pseudoaneurysm after heminephrectomy and, 800
retroperitoneal hemorrhage and, 867
retroperitoneal occult bleed and, 765
simultaneous demonstration of gastrointestinal bleeding and femoral-femoral graft, 48
- SPECT
and hepatic hemangioma, 35, 542, 745
and orbital cavernous hemangioma, 547
in splenic hemangioma, 158
in splenic hemangioma, 158
three-phase scintigraphy of hemangiomas, 372
- Technetium-99m sestamibi
muscular uptake, showing collateral flow in venous thrombosis, 198
myocardial imaging
determination of systolic thickening index with, 172
stress perfusion scan, pulmonary atresia with intact septum on, 560
parathyroid imaging
adenoma detection, 856, 258, 459
adenoma localization, with pinhole imaging, 73
double-phase SPECT, hyperplasia and, 222
ectopic mediastinal parathyroid localization using, 869
ectopic parathyroid gland detection, 120
in hyperparathyroidism, 217, 277 (ab), 291, 798
in pulmonary sarcoidosis, 749
uptake in malignant phyllodes tumor of breast, 553
- Technetium-99m stannous chloride colloid
labeling of human leukocytes (ab), 346
- Technetium-99m sulfur colloid
milk scan, determination of gastric emptying in infants and children, 303
- Technetium-99m tetraphenyl porphyrin sulfonate (Tc-99m MTPPS₄)
skeletal scintigraphy, in osteomyelitis (ab), 201
- Technetium-99m tetrofosmin
high-activity preparations, radiochemical purity (ab), 578
- Technetium-99m tetrofosmin scan
in breast cancer, 832
esophageal cancer detection, 431
in lung cancer, 46
in pneumonia, 488
skull meningioma demonstrated with, 650
thyroid imaging
with cold thyroid nodules, 76
in thyroiditis, 564
- Testicular infarction
differential diagnosis of, 499
- Testicular torsion
detorsion, scintigraphic redistribution with, 502
hydrocele mimicking, on radionuclide and ultrasound studies, 570
- Thallium-201 chloride
brain SPECT, and lymphoma with massive cerebral necrosis, 427
myocardial imaging, 172
- Thallium-201 scintigraphy
of hepatoblastoma, 835
of malignant soft-tissue tumors, 38
myocardial imaging
and asystole during dipyridamole infusion, 97
in sarcoidosis, 475
and sodium aurothiomalate administration, 479
of sarcomatous transformation of neurofibromas, 610
in tuberculous osteomyelitis, 776
- Thallium-201 SPECT
differentiation of metastatic osteosarcoma and bone infarction, 752
early detection of recurrent lung cancer with, 196
- Thallium-201 uptake
false-positive, by intracranial inflammatory pseudotumor, 756
intracranial, 756

- in Paget's disease, 621
- in reactive lymphadenopathy, 125
- Thrombocytopenia
 - relapsed, accessory spleen detection using SPECT with In-111 autologous platelets for, 141
- Thromboembolism
 - cardiopulmonary, detected by antifibrin scintigraphy, 376
- Thyroid cancer
 - comparison of F-18 FDG to I-123 I-131 imaging in, 438
 - false-positive radioiodine whole-body imaging with, 380
 - follicular, I-131 whole-body imaging, after I-131 therapy, 123
 - and functional metastases, 227
 - I-131 imaging, I-131 kinetics during (ab), 279
 - medullary, pentavalent Tc-99m DMSA accumulation in, 339
 - papillary, 491
 - gamma probe-guided resection of lymph node metastasis, 591
 - I-131 whole-body scan with thoracic vertebral uptake in, 855
- Thyroid imaging
 - autonomous adenoma and, 491
 - autonomously functioning thyroid tissue on, 451
 - chronic thyroiditis and, diffuse F-18 FDG uptake, 341
 - in cocaine abuse patients (ab), 279
 - double thyroid and, 270
 - ectopic remnant
 - demonstration of, 270
 - hypertrophy after adult-onset hypothyroidism, 272
 - in Graves' disease, 451
 - In-111 pentetate uptake by normally functioning nodular goiters, 625
 - iodine-131, in thyroiditis, 564
 - lingual thyroid and (ab), 349
 - pyramidal lobe in hyperthyroidism and, 451, 519
 - semi-automated quantitative image analysis (ab), 204
 - in subacute thyroiditis, and Tc-99m uptake, 109
 - technetium-99m tetrofosmin
 - cold nodule and, 76
 - in thyroiditis, 564
 - and thyroid dysgenesis, transient iodine organification defect with, 13
 - for thyrotoxicosis (ab), 199
- Total hip replacement
 - Tc-99m scan after, 593
- Transmission imaging
 - of painful knee joint prosthesis, 669
- Tuberculosis
 - gallium-67 scintigraphy in, 403, 470, 776

- osteomyelitis due to, scintigraphy in, 776
 - sites of involvement, in HIV-infected (AIDS) patients, 310
 - spondylitis due to, gallium-67 scintigraphy in, 403
- Tuberous sclerosis
- I-123 lomazenil SPECT in, 130
 - renal scintigraphy in, 176

U

- Ultrasound. *See also* Color Doppler imaging
- with acute gangrenous cholecystitis and cholelithiasis, 388
 - of gastric duplication cyst, 93
 - of giant bladder diverticulum causing bilateral hydronephrosis in adult, 385
 - of hydrocele, 570
 - transcranial Doppler, cerebral vasospasm occult to, 238
- Upper gastrointestinal series
- with gastric duplication cyst, 93
- Ureteroenteric fistula
- shown on bone imaging, 494
- Urethro-scrotal fistula
- presenting on bone imaging, 864
- Urinoma
- incidental finding on bone scintigraphy, 558
 - and lymphocele, differential diagnosis of, 726
 - scrotal, Tc-99m MAG3 imaging of, 401
- Urography
- Tc-99m MAG3 imaging
 - demonstration of polycystic kidneys in tuberous sclerosis, 555
 - of primary megaureter, 355
 - of scrotal urinoma, 401
- Uterus
- FDG uptake during menstruation, 793

V

- Vanishing vertebra
- bone imaging with, 49
- Vascular graft infection
- gallium-67 scintigraphy, 497
 - Tc-99m HMPAO-labeled leukocyte scintigraphy (ab), 277
 - Tc-99m-labeled leukocyte scintigraphy of (ab), 349
- Venogram
- radionuclide
 - of ruptured popliteal cyst, 326
 - in unilateral iliac vein stenosis, 404
- Verluma. *See* Technetium-99m nofetumomab merpentan

X

Xenon-133

- lung ventilation-perfusion scan
 - double fistula bronchopleural and pleurocutaneous leakage during, 241
 - with systemic arterial supply to left lung, 526
- SPECT, in emphysema, after lung volume reduction surgery, 683
- in testing for atmospheric communication of ion chambers (ab), 346

Xenon ventriculography

- detection of pulmonary emboli and associated right heart dysfunction, 817

Z

Zollinger-Ellison syndrome

- combined radiologic and scintigraphic techniques in, 714
- In-111 pentetreotide SPECT imaging, 781

STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION (Act of August 12, 1970: Section 3685, Title 39 United States Code) Date of Filing—October 1, 1995. Title of Publication—Clinical Nuclear Medicine; Frequency of Issue—Monthly; Annual Subscription Price—\$151.00; Location of Known Office of Publication—Lippincott-Raven Publishers, 12107 Insurance Way, Suite 114, Hagerstown, MD 21740; Location of the Headquarters or General Business Offices of the Publisher—227 East Washington Square, Philadelphia, PA 19106; Publisher—Lippincott-Raven Publishers, 227 East Washington Square, Philadelphia, PA 19106; Editor—Sheldon Baum, MD, Division of Nuclear Medicine, Lankenau Hospital, 100 Lancaster Avenue, Wynnewood, PA 19096; Managing Editor—Marie Chesny, Lippincott-Raven Publishers, 227 East Washington Square, Philadelphia, PA 19106; Owner—Lippincott-Raven Publishers, a wholly owned subsidiary of Wolters-Kluwer, US Corp., 227 East Washington Square, Philadelphia, PA 19106, 36th Floor, 1185 Avenue of the Americas, New York City, New York 10036; Known Bondholders, Mortgagees, and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages, or other securities—none. A. Total no. copies printed (*net press run*), average 3,150, actual 3,200; B. Paid circulation 1. Sales through dealers and carriers, street vendors and counter sales, average 0; actual 0; 2. Mail subscriptions, average 2,302, actual 2,213; C. Total paid circulation, average 2,302, actual 2,213; D. Free distribution by mail, carrier or other means. Samples complimentary, and other free copies, average 136, actual 130; E. Free distribution outside the mail, average 0, actual 0; F. Total free distribution (*sum of D and E*), average 136, actual 130; G. Total distribution (*sum of C and F*), average 2,438, actual 2,343. H. Copies not distributed. 1. Office use, leftover, spoiled, average 712, actual 857. 2. Returns from news agents, 0; I. Total (*sum of G, H[1], and H[2]*)—*should equal net press run shown in A*), average 3,150, actual 3,200. Percent paid and/or requested circulation ($C/G \times 100$), average 94%, actual 94%. I certify that the statements made by me above are correct and complete. Beverly V. Dietrich, *Circulation Director*.